	Application No.	Applicant(s)
Notice of Allowability	10/062,949	UEMURA ET AL.
	Examiner	Art Unit	
	Eleni A. Shiferaw	2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *10/04/2006*.

2. ☒ The allowed claim(s) is/are *1-12*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None of the:

      1. ☒ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
    Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *12/12/06* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

12/15/06

DETAILED ACTION

1.   Telephone interview has been made to resolve 101 and 112 issues applicant's claims

raised, and to amend the claims to particularly point out the invention. Examiners amendment

has been made for claims 1-12 based on the telephone interview, with Jason D. Lohr on

December 12, 2006.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes and/or `

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Jason D. Lohr.

Claims 1-12 are amended as follows.

1.   (Currently Amended): An authenticity output method of outputting a

verification result of authenticity based on digital data, comprising the steps of:

receiving unique discriminating information to be outputted with a verification

result of authenticity based on the digital data, wherein the unique discriminating

information is discriminable only by a specific user who inputted the unique

discriminating information;

registering the <u>unique</u> discriminating information into a personal table for

verification, the personal table for verification associating the registration information

inputted by each of a plurality of users with that respective user;

verifying the authenticity based on the digital data; ~~and~~

when the verification result of the authenticity based on the digital data is

outputted to one of said users, reading out the <u>unique</u> discriminating information

registered in said personal table for verification associated with that user and outputting

said <u>unique</u> discriminating information with said verification result on a display screen

to that user~~(.)~~;

<u>wherein the use is able to verify the unique discriminating information as</u>

<u>inputted by the user; and</u>

<u>wherein the unique a discriminating information is selected from the group</u>

<u>consisting of character train information, image data information, audio data information,</u>

<u>motion image data information, finger language data information, digital mark data</u>

<u>information, and combinations thereof.</u>

2.   (Currently Amended): An authenticity output method of outputting a

verification result of authenticity based on digital data, comprising the steps of:

receiving <u>unique</u> discriminating information to be outputted with a verification

result of authenticity based on the digital data, wherein the <u>unique</u> discriminating

information is discriminable only by a specific user who inputted the <u>unique</u>

discriminating information;

registering the received <u>unique discriminating</u> information into a personal table for

verification, the personal table for verification associating the registration information inputted

by each of a plurality of users with that respective user, the personal table further being

accessible to a server connected to a network;

receiving a request for verification of the authenticity based on the digital data to

said server from a client connected to said network;

in said server, verifying the authenticity based on the digital data;

in said server, reading out the <u>unique</u> discriminating information registered in said

personal table for verification and sending said information to said client in accordance

with said verification result; and

outputting onto a display screen at said client for one of said users the verification

result and the <u>unique</u> discriminating information associated with that user which was sent

from said server (.);

<u>wherein the use is able to verify the unique discriminating information as</u>

<u>inputted by the user; and</u>

<u>wherein the unique a discriminating information is selected from the group</u>

<u>consisting of character train information, image data information, audio data information,</u>

<u>motion image data information, finger language data information, digital mark data</u>

<u>information, and combinations thereof.</u>

3.   (Currently Amended): A method according to claim 1 or 2, wherein the <u>unique</u>

discriminating information which is outputted together with said verification result is ~~multimedia~~

~~data which can~~ <u>selected to</u> be sensitively recognized. ~~, such as arbitrary character train~~

~~information, image data information, audio data information, motion image data~~

~~information, or the like designated by the user.~~

4.   (Currently Amended): A method according to claim 1 or 2, wherein the

registering step includes encrypting the <u>unique</u> discriminating information.

5.   (Currently Amended): A method according to claim 1 or 2, wherein in said step

of registering a digital signature is obtained to the <u>unique</u> discriminating information and

the obtained digital signature is registered into said personal table for verification.

6.   (Currently Amended): A method according to claim 1 or 2, wherein in said step of

outputting when said verification result of the authenticity based on said digital data is

outputted, the <u>unique</u> discriminating information registered in said personal table for

verification is outputted to the display screen in accordance with display position

information registered in said personal table for verification.

7.   (Currently Amended) A method according to claim 1 or 2, wherein in said step of

outputting when said verification result of the authenticity based on said digital data is

outputted, then outputting the <u>unique</u> discriminating information registered in said

personal table for verification to an output area which was newly formed in accordance with display position information registered in said personal table for verification.

8   (Currently Amended): A method according to claim 1 or 2, wherein in said step of outputting when said verification result of the authenticity based on said digital data is outputted, the unique discriminating information registered in said personal table for verification is outputted together with specific authenticity information in said digital data designated by the user.

9   (Currently Amended): A method according to claim 1 or 2, wherein in said step of outputting when a display screen for simulating a log-in dialog to a specific information processing apparatus is outputted, the unique discriminating information registered in said personal table for verification is read out and outputted together with said display screen for simulating a log-in dialog.

10   (Currently Amended): An authenticity output apparatus for outputting a verification result of authenticity based on digital data, comprising:

a receiving unit for receiving unique discriminating information to be outputted with a verification result of authenticity based on the digital data which is discriminable only by a specific user who inputted the unique discriminating information;

an information registration processing unit for registering information which is outputted together with the verification result of the authenticity based on the digital data into a personal table for verification, the personal table for verification associating the

registration information inputted by each of a plurality of users with that respective user;

and

an information output processing unit for verifying the authenticity based on the

digital data, and when the verification result of the authenticity based on said digital data

is outputted to one of said users, reading out the <u>unique</u> discriminating information

registered in said personal table for verification associated with that user and outputting

said <u>unique</u> discriminating information onto a display screen (.) ;

<u>wherein the use is able to verify the unique discriminating information as</u>

<u>inputted by the user; and</u>

<u>wherein the unique a discriminating information is selected from the group</u>

<u>consisting of character train information, image data information, audio data information,</u>

<u>motion image data information, finger language data information, digital mark data</u>

<u>information, and combinations thereof.</u>

11.   (Currently Amended): An authenticity output system for outputting a

verification result of authenticity based on digital data through the network,

comprising:

a server which is connected to said network and has a receiving unit for receiving

<u>unique</u> discriminating information to be outputted with a verification result of authenticity

based on the digital data which is discriminable only by a specific user who inputted the

<u>unique</u> discriminating information and an information registration processing unit for

registering the <u>unique</u> discriminating information which is received by said receiving unit

into a personal table for verification, the personal table for verification associating the

registration information inputted by each of a plurality of users with that respective user,

and an information output processing unit for verifying the authenticity based on the digital

data, and when the verification result of the authenticity based on said digital data is

outputted to one of said users, reading out the unique discriminating information registered

in said personal table for verification associated with that user and outputting said

information to the network with said verification result; and

a client for requesting from the server the verification of the authenticity based on the

digital data and outputting said verified result and said unique discriminating information

received from said server through said network onto a display screen,

wherein the use is able to verify the unique discriminating information as

inputted by the user; and

wherein the unique a discriminating information is selected from the group

consisting of character train information, image data information, audio data information,

motion image data information, finger language data information, digital mark data

information, and combinations thereof.

12.   (Currently Amended): A computer program product embedded in a computer

readable medium for allowing a computer to function as an authenticity output

apparatus for outputting a verification result of authenticity based on digital data,

wherein

said program allows the computer to function as a receiving unit for receiving

unique discriminating information to be outputted with a verification result of

authenticity based on the digital data which is discriminable only by a specific user who

inputted the unique discriminating information registration processing unit for registering

the unique discriminating information which is received by said receiving unit into a personal

table for verification, the personal table for verification associating the registration information

inputted by each of a plurality of users with that respective user, and an information output

processing unit for verifying the authenticity based on the digital data, and when said verification

result is outputted to one of said users, reading out the unique discriminating information

registered in said personal table for verification associated with that user and outputting said

unique discriminating information together with said verification result onto a display screen, the

use is able to verify the unique discriminating information as inputted by the user; and the

unique a discriminating information is selected from the group consisting of character

train information, image data information, audio data information, motion image data

information, finger language data information, digital mark data information, and

combinations thereof.

Allowable Subject Matter

3.   The following is an examiner's statement of reasons for allowance:

         Claims 1-2, and 10-12 are allowed.

         Claims 1-2 and 10-12: Prior art of record neither alone nor in combination teach an

authenticity output method/apparatus/system/program comprising a user providing a unique

discriminating information to be registered for verification; outputting a verification result with

the unique discriminating information together; and the user, who provided the discriminating

information, verifying the authenticity based on the outputted unique discriminating information

and verification result.

Claim 3-9 is allowed because of dependency.

4.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure. Gasparini et al. USPN 7,100,049 B2 discloses a "PASSMARK" method that allows a

user to authenticate a web site comprising a user requesting a web page from the web site,

customization information that is recognizable to the user is provided to allow the user to

authenticate the web site, and a signed encrypted cookie stored on the user's system allows the

web site to authenticate the user. (Priority date 5/10/2002)

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Eleni A. Shiferaw whose telephone number is 571-272-3867.

The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Nasser R. Moazzami can be reached on (571) 272-4195. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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12/15/06

December 15, 2006